

Title (en)

METHOD AND APPARATUS FOR CONFIGURING POWER CONSUMPTION PARAMETER

Title (de)

VERFAHREN UND VORRICHTUNG ZUR KONFIGURATION VON LEISTUNGSVERBRAUCHSPARAMETERN

Title (fr)

PROCÉDÉ ET APPAREIL POUR CONFIGURER UN PARAMÈTRE DE CONSOMMATION D'ÉNERGIE

Publication

**EP 3592043 A4 20200226 (EN)**

Application

**EP 17902441 A 20170324**

Priority

CN 2017078153 W 20170324

Abstract (en)

[origin: EP3592043A1] A method and an apparatus for configuring a power consumption parameter are provided, and are used to reduce power consumption of a terminal device and a relay device while ensuring data transmission efficiency of the terminal device in a scenario in which the terminal device accesses a network by using the relay device. In the method, when a core network control plane device determines a configured value of a power consumption parameter of the relay device and a configured value of a power consumption parameter of the terminal device, an expected value of the power consumption parameter of the terminal device and an expected value of the power consumption parameter of the relay device are considered. This avoids data transmission failure caused by sending data to a network side by the terminal device through the relay device when the relay device is in a sleep state. Therefore, the method not only reduces power consumption of the relay device and the terminal device, but also ensures data transmission efficiency of the terminal device.

IPC 8 full level

**H04W 52/02** (2009.01)

CPC (source: EP US)

**H04W 52/0216** (2013.01 - EP); **H04W 52/0229** (2013.01 - EP); **H04W 52/0235** (2013.01 - US); **H04W 52/028** (2013.01 - EP); **H04W 76/28** (2018.01 - US); **H04W 76/30** (2018.01 - US); **H04W 88/04** (2013.01 - US); **Y02D 30/70** (2020.08 - EP)

Citation (search report)

- [XA] US 2016142974 A1 20160519 - LINDOFF BENGT [SE], et al
- [XA] WO 2015169406 A1 20151112 - ERICSSON TELEFON AB L M [SE]
- [XA] SEQUANS COMMUNICATIONS: "Power efficient relay discovery maintenance and establishment", vol. RAN WG2, no. Athens, Greece; 20170213 - 20170217, 12 February 2017 (2017-02-12), XP051212240, Retrieved from the Internet <URL:http://www.3gpp.org/ftp/Meetings\_3GPP\_SYNC/RAN2/Docs/> [retrieved on 20170212]
- See references of WO 2018170911A1

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

**EP 3592043 A1 20200108**; **EP 3592043 A4 20200226**; **EP 3592043 B1 20210922**; CN 110050486 A 20190723; CN 110050486 B 20210716; US 11224096 B2 20220111; US 2020022216 A1 20200116; WO 2018170911 A1 20180927

DOCDB simple family (application)

**EP 17902441 A 20170324**; CN 2017078153 W 20170324; CN 201780076184 A 20170324; US 201916579503 A 20190923